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DECLARATION and POWER OF ATTORNEY FOR UTILITY OR DESIGN PATENT APPLICATION	Attorney Docket No.		99-68R1		
	First Named Inventor		Klaerner		
	COMPLETE IF KNOWN				
	Application No.		To Be Assigned		
	Filing Date		Even Date Herewith		
	Group Art Unit		Unknown		
Examiner Name		Unknown			

☒ Declaration Submitted with initial filing OR ☐ Declaration Submitted after initial filing

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (only if one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**CONTROLLED-ARCHITECTURE POLYMERS AND USE
THEREOF AS SEPARATION MEDIA**

(Title of the Invention)

the specification of which

☒ is attached hereto
OR
☐ was filed on _____, as United States Application Number or PCT International Application Number: _____ and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code § 119 (a)-(d) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YY)	Priority Not Claimed	Certified Copy Attached	
				YES	NO
				<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below.

Application Number (s)		<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.
60/146,936	07/31/99	

Please type a plus sign in this box:



PTO/SB/01 (3-97)

Approved for use through 6/30/98. OMB 0651-0032
Patent and Trademark Office; US DEPARTMENT OF COMMERCE

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DECLARATION - Utility Or Design Patent Application

I hereby claim the benefit under Title 35, United States Code §120 of any United States application(s) of any PCT International application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the matter provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S Parent Application Number	PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

☐ Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: ☒ Customer Number 22905

OR

☐ Registered practitioner(s) name/registration number listed below



22905

PATENT TRADEMARK OFFICE

Name	Registration Number	Name	Registration Number
Ronald A. Krasnow	33,321	 22905	
Paul A. Stone	38,628		

PATENT TRADEMARK OFFICE

☐ Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto.

Direct all correspondence to ☒ Customer Number or Bar Code Label or ☐ Correspondence Address below

22905

Name			
Address	PATENT TRADEMARK OFFICE		
City, State, Zip			
Country	Telephone	Fax	

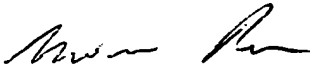
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

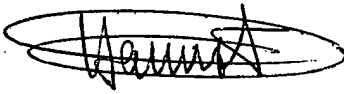
Name of Sole or First Inventor ☐ A petition has been filed for this unsigned inventor

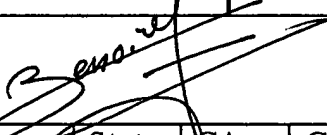
Given Name (first and middle [if any])	Family Name or Surname
Gerrit	Klaerner

Inventor's Signature					Dated	07/31/00	
Residence: City	Campbell	State	CA	Country	US	Citizenship	Germany
Post Office Address	2861 South Bascom Avenue, #703						
City	Campbell	State	CA	Zip	95008	Country	USA

☐ Additional inventors are being named on the ___ supplemental additional inventor(s) sheet(s) PTO/SB/02A attached hereto.

Name of Inventor								<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])						Family Name or Surname			
Miroslav						Petro			
Inventor's Signature						Dated 7/31/00			
Residence: City	San Jose	State	CA	Country	US	Citizenship	Slovak Republic		
Post Office Address	1079 Prouty Way								
City	San Jose	State	CA	Zip	95129	Country	US		

Name of Inventor								<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])						Family Name or Surname			
Dominique						Charmot			
Inventor's Signature						Dated July 31, 00			
Residence: City	Los Gatos	State	CA	Country	USA	Citizenship	France		
Post Office Address	114 via Lago								
City	Los Gatos	State	CA	Zip	95032	Country	USA		

Name of Inventor								<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])						Family Name or Surname			
Didier						Benoit			
Inventor's Signature						Dated 7/31/00			
Residence: City	San Jose	State	CA	Country	US	Citizenship	France		
Post Office Address	233 Blossom Hill Road #D13								
City	San Jose	State	CA	Zip	95123	Country	US		



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

OCTOBER 06, 2000

SYMYX TECHNOLOGIES, INC.
RONALD A. KRASNOW
3100 CENTRAL EXPRESSWAY
LEGAL DEPARTMENT
SANTA CLARA, CA 95051



101439615A

RECEIVED
OCT 17 2000
Sydney Technologies
Legal Department

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/31/2000

REEL/FRAME: 011006/0535
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
KLAEMER, GERRIT

DOC DATE: 07/31/2000

ASSIGNOR:
MIROSLAV, PETRO

DOC DATE: 07/31/2000

ASSIGNOR:
CHARMOT, DOMINIQUE

DOC DATE: 07/31/2000

ASSIGNOR:
BENOIT, DIDIER

DOC DATE: 07/31/2000

ASSIGNEE:
SYMYX TECHNOLOGIES, INC.
3100 CENTRAL EXPRESSWAY
LEGAL DEPARTMENT
SANTA CLARA, CALIFORNIA 95051

SERIAL NUMBER: 09630328
PATENT NUMBER:

FILING DATE: 07/31/2000
ISSUE DATE:

011006/0535 PAGE 2

SHIRLIE SIMON, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231



101439615B

AUTHORIZATION TO CHARGE ADDITIONAL FEES TO DEPOSIT ACCOUNT

OCTOBER 06, 2000

TO: OFFICE OF FINANCE
FROM: ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS
SUBJECT: DEPOSIT ACCOUNT CHARGE(S)

CHARGE THE DEPOSIT ACCOUNT LISTED BELOW ADDITIONAL FEE(S) AS INDICATED BELOW. AUTHORIZATION TO CHARGE ADDITIONAL FEES HAS BEEN PROVIDED PER THE ATTACHED COVER SHEET, OR BY DIRECT CONTACT WITH THE CUSTOMER.

DEPOSIT ACCOUNT NUMBER: 500496
PROPERTY NUMBER: 09630328

RECORDING FEES:

FEE CODE: 581 AMOUNT: 40

IF YOU HAVE ANY QUESTIONS REGARDING THIS NOTICE, YOU MAY CONTACT THE INDIVIDUAL WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723.

SHIRLIE SIMON, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

TRADEMARK SERVICE FEES:	FEE CODE:
RECORDING FIRST MARK	481
RECORDATION SECOND AND SUBSEQUENT MARK IN SAME DOCUMENT	482
LABOR CHARGES FOR SERVICES PER HOURS OR FRACTION THEREOF	484
UNSPECIFIED OTHER SERVICES	485

PATENT SERVICE FEES:

RECORDING EACH PATENT ASSIGNMENT, 581

AGREEMENT, OTHER PAPER, PER PROPERTY	
LABOR CHARGES FOR SERVICES PER HOUR	584
(\$30) OR FRACTION THEREOF	
UNSPECIFIED OTHER SERVICES	585

08-23-2000

Attorney's Docket No. 99-68R1
PATENT

Form PTO-1595

(Rev. 6-93)

OMB No. 0651-0011 (exp. 4/94)

101439615
PATENTS ONLY

EET

US DEPARTMENT OF COMMERCE
Patent and Trademark OfficeTo the Honorable Assistant Commissioner of Patents and Trademarks.
Please record the attached original documents or copy thereof.

1. Name of conveying party(ies)

Klaemer, Gerrit
Petro, Miroslav
Charnot, Dominique
Benoit, Didier

2. Name and address of receiving party(ies)

Name: Symyx Technologies, Inc.
Legal Department
3100 Central Expressway
Santa Clara, CA 95051Additional name(s) of conveying
party(ies) attached?☐ Yes ☒ NoAdditional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Other☐ Change of Name

Execution Date: July 31, 2000

Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s) To Be Assigned

B. Patent No.(s)

Filed: Even Date Herewith

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom correspondence
concerning document should be mailed:

Attorney's Name: Ronald A. Krasnow

Name: Symyx Technologies, Inc.
Legal Department
3100 Central Expressway
Santa Clara, CA 95051

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41): \$ 40.00

☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number: 50-0496

(Attached duplicate copy of this page if paying by deposit
account)

9. Statement and signature:

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of
the original document.*Ronald A. Krasnow Reg. No. 33, 321
(Name of Person Signing)

Signature

Date

Total number of pages being submitted, including cover sheet, attachment(s), and document(s) are: 4

Mail documents to be recorded with required cover sheet information to:

Box Assignments
Assistant Commissioner of Patents and Trademarks
Washington, DC 20231JCE13 U.S. PTO
09/630328
07/31/00

08-23-2000

rney's Docket No. 99-68R1

PATENT

Form PTO-1595

(Rev. 6-93)

OMB No. 0651-0011 (exp. 4/94)

101439615
PATENTS ONLY

EET

US DEPARTMENT OF COMMERCE

Patent and Trademark Office

To the Honorable Assistant Commissioner of Patents and Trademarks.
Please record the attached original documents or copy thereof.

1. Name of conveying party(ies)

Klaerner, Gerrit
Petro, Miroslav
Charnot, Dominique
Benoit, Didier

2. Name and address of receiving party(ies)

Name: Symyx Technologies, Inc.
Legal Department
3100 Central Expressway
Santa Clara, CA 95051Additional name(s) of conveying
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3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Other☐ Change of Name

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A. Patent Application No.(s) To Be Assigned

B. Patent No.(s)

Filed: Even Date Herewith

09/630328

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom correspondence
concerning document should be mailed:

Attorney's Name: Ronald A. Krasnow

Name: Symyx Technologies, Inc.
Legal Department
3100 Central Expressway
Santa Clara, CA 950516. Total number of applications and patents involved:
1

7. Total fee (37 CFR 3.41):.....\$ 40.00

☐ Enclosed☒ Authorized to be charged to deposit account8. Deposit account number: 50-0496
(Attached duplicate copy of this page if paying by deposit
account)

9. Statement and signature:

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of
the original document.*Ronald A. Krasnow Reg. No. 33, 321
(Name of Person Signing)

Signature

7-31-00

Date

Total number of pages being submitted, including cover sheet, attachment(s), and document(s) are: 4

Mail documents to be recorded with required cover sheet information to:

Box Assignments
Assistant Commissioner of Patents and Trademarks
Washington, DC 20231

JC613 U.S. PTO

09/630328

07/31/00

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Gerrit Klaerner residing at 2861 Bascom Avenue, #703, Campbell, California 95008; Miroslav Petro residing at 1079 Prouty Way, San Jose, California 95129; Dominique Charmot residing at 114 via Lago, Los Gatos, California 95032; and Didier Benoit residing at 233 Blossom Hill Road, #D13, San Jose, California 95123, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below identified application for United States Letter Patent:

Title of Invention: Controlled-Architecture Polymers and Use Thereof As Separation Media

Filing Date: Even Date Herewith Application No.: To Be Assigned and

WHEREAS, Symyx Technologies, Inc., a Delaware corporation, located at 3100 Central Expressway, Santa Clara, California 95051, hereinafter referred to as "Assignee," is desirous of acquiring an interest in the invention and application and in any Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application, and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Date: 07/31/00



Gerrit Klaerner

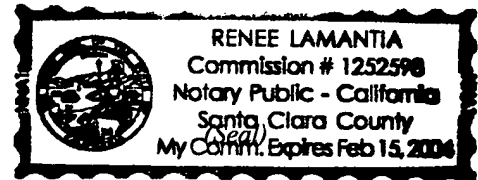
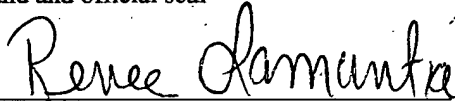
STATE OF California

COUNTY OF Santa Clara

On 7/31/00, before me, Renee Lamantia, Notary Public, personally appeared Gerrit Klaerner personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

Notary Signature



Date: 7/31/00



Miroslav Petro

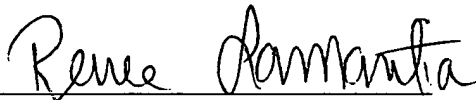
STATE OF California

COUNTY OF Santa Clara

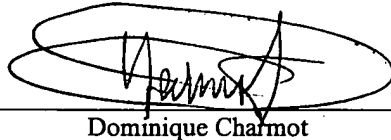
On 7/31/00, before me, Renee Lamantia, Notary Public, personally appeared Miroslav Petro, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

Notary Signature



Date: July 31, 00

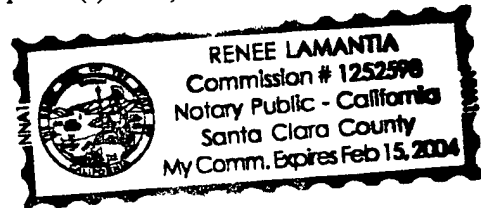

Dominique Charmot

STATE OF California
COUNTY OF Santa Clara

On 7/31/00, before me, Renee Lamantia, Notary Public, personally appeared Dominique Charmot, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.


WITNESS my hand and official seal

Notary Signature Renee Lamantia



(Seal)

Date: 7/31/00

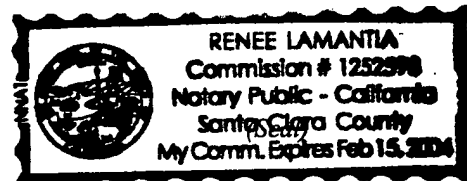

Didier Benoit

STATE OF California
COUNTY OF Santa Clara

On 7/31/00, before me, Renee Lamantia, Notary Public, personally appeared Didier Benoit, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal


Notary Signature Renee Lamantia



NO Method Payment

Attorney's Docket No. 99-68R1
PATENT

JC813 U.S. PTO
09/630328
07/31/00

Form PTO-1595 (Rev. 6-93) OMB No. 0651-0011 (exp. 4/94) 7-31-00		RECORDATION FORM COVER SHEET PATENTS ONLY		US DEPARTMENT OF COMMERCE Patent and Trademark Office	
To the Honorable Assistant Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies) Klaemer, Gerrit Petro, Miroslav Charmot, Dominique Benoit, Didier			2. Name and address of receiving party(ies) Name: Symyx Technologies, Inc. Legal Department 3100 Central Expressway Santa Clara, CA 95051		
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Other <input type="checkbox"/> Change of Name					
Execution Date: July 31, 2000 Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) To Be Assigned B. Patent No.(s) Filed: Even Date Herewith 09/630328 Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning document should be mailed: Attorney's Name: Ronald A. Krasnow Name: Symyx Technologies, Inc. Legal Department 3100 Central Expressway Santa Clara, CA 95051			6. Total number of applications and patents involved: 1		
			7. Total fee (37 CFR 3.41):.....\$ 40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account		
			8. Deposit account number: 50-0496 (Attached duplicate copy of this page if paying by deposit account)		
9. Statement and signature: <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i> <div style="display: flex; justify-content: space-between;"> <div> Ronald A. Krasnow Reg. No. 33, 321 (Name of Person Signing) </div> <div style="text-align: center;">  Signature </div> <div style="text-align: center;"> 7-31-00 Date </div> </div>					
Total number of pages being submitted, including cover sheet, attachment(s), and document(s) are: <u>4</u>					
Mail documents to be recorded with required cover sheet information to: Box Assignments Assistant Commissioner of Patents and Trademarks Washington, DC 20231					

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on 11-6-02.

BY:


Suzanne Shadley**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:	Klaerner et al.	
Serial No.:	09/630,328	Group Art Unit: 1713
Filed:	07/31/2000	
For:	Controlled-Architecture Polymers And Use Thereof As Separation Media	Examiner: H. Pezzuto

Assistant Commissioner for Patents
Washington, D.C. 20231

ASSOCIATE POWER OF ATTORNEY (37 C.F.R. § 1.34)

Sir:

Please recognize as Associate Practitioner in this case:

James H. Ackley
Registration No.: 45,695
Symyx Technologies, Inc.
3100 Central Expressway
Santa Clara, CA 95051
Tel: (408) 720-2598
Fax: (408) 773-4029

This appointment is not intended as a revocation of the power of attorney already filed in this case. This appointment shall have the effect of adding James H. Ackley.

Please continue to address all future communications to:

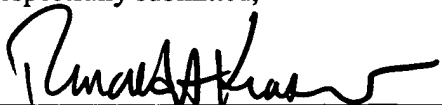
Symyx Technologies, Inc.
Legal Department
3100 Central Expressway
Santa Clara, CA 95051

Respectfully submitted,

Date:

11-6-02

By:



Ronald A. Krasnow, Reg. No. 33,321
Attorney for Applicant.